ABSTRACT OF THE DISCLOSURE

A control system is operable to selectably activate shock damping devices associated with a bicycle so as to eliminate bobbing encountered under extreme pedaling conditions. The system includes a crank axle torque detector which operates to detect a level of torque applied to a crank axle and provide a control signal corresponding to the level of torque. A shock damping device is coupled to the frame of the cycle, and functions to absorb and dampen mechanical shocks communicated to the frame. The shock damping device includes an activator for controlling its damping function. The activator is operable to receive the control signal from the crank axle torque detector and control the shock damping device in response thereto. The control signal may be an electrical or a mechanical signal.